

**2012 DWSRF
GREEN PROJECTS CALCULATIONS**

CATEGORICALLY GREEN PROJECTS				
<u>Project ID #</u>	<u>PROJECT</u>	<u>Total Project Cost</u>	<u>% Green</u>	<u>Green Value</u>
2012-02	Bangor Water District (UV Project)	\$ 2,153,800	53%	\$ 1,138,052
2012-26	Portland Water District (UV Project)	\$ 3,000,000	38%	\$ 1,138,052
Total Categorically Green Projects:				\$ 2,276,104

BUSINESS CASE PROJECTS				
<u>Project ID #</u>	<u>PROJECT</u>	<u>Total Project Cost</u>	<u>% Green</u>	<u>Green Value</u>
2012-42	Vinalhaven Water District	\$ 431,420	10%	\$ 41,526
2012-10	Hampden Water District	\$ 760,000	8%	\$ 60,993
2012-15	Kennebunk, Kennebunkport & Wells Water District	\$ 1,175,040	35%	\$ 416,659
2012-23	Passamaquoddy Water District	\$ 714,850	29%	\$ 205,318
2012-07	Caribou Utilities District	\$ 431,420	16%	\$ 67,949
2012-32	Presque Isle Water Department	\$ 686,000	10%	\$ 71,383
2012-05	Calais Water Department	\$ 366,000	11%	\$ 38,779
TOTAL (all water main replacements)				\$ 902,607

2012 DW-SRF "Green Projects"			
Total 2012 DWSRF Capitalization Grant	\$	8,975,000	
EPA required 'Green %':	0%	\$	-
Green From Business Cases	10%	\$	902,607
Green from Categorical	25%	\$	2,276,104
TOTAL GREEN	35%	\$	3,178,711

2012 DW-SRF "Green Projects"			
	<u>Categorical</u>	<u>Business Case</u>	<u>TOTAL</u>
Green Infrastructure		\$	-
Water Efficiency		\$ 902,607	\$ 902,607
Energy Efficiency		\$	-
Environmentally Innovative	\$ 2,276,104		\$ 2,276,104
TOTAL	\$ 2,276,104	\$ 902,607	\$ 3,178,711
	72%	28%	

NOTES:

1 - See Portland Water District application dated March 30, 2012 to Efficiency Maine Trust. Page 4-1 reflects 1,907,670 of difference in Capital Cost Between Base Case/Existing Equipment and Proposed System. Upgrades include: high efficiency equipment for every new system being installed, including the new UV system, new HVAC equipment and new lighting fixtures. PWD is also replacing an existing inefficient ozone system with a new high efficiency ozone system to gain long term energy savings. PWD will secure additional energy savings by limiting process water pumping as a result of energy conscience process design. In total, the Portland Water District UV and Ozone Project will achieve 2.4 million kWh of annual comprehensive energy savings.

75% of \$1,907,670 effort applied to 2012-26 SRF Project and 25% to 2011-10 SRF project
 2 - Portland Water District Project 2012-26/2010-11 is Phase 1 of 2. Phase 1, Project 2010-11 is funded at \$1,000,000 in the 2011 DWSRF and includes additional "green" credit of \$769,618 for a total project green amount of \$1,907,670.